

SPECIFICATION SHEET

PRODUCT NAME: **SESAME SEED OIL, REFINED**

PRODUCT INCI: SESAMUM INDICUM SEED OIL

PRODUCT CODE: K0420

CAS NUMBER: 8008-74-0

EINECS NUMBER: 232-370-6

MANUFACTURING METHOD: COLD PRESSED & REFINED

SHELF LIFE: 18 MONTHS

ANALYTICAL DETAILS	RANGE %
APPEARANCE	OILY LIQUID
COLOUR	CLEAR - LIGHT YELLOW
ODOUR	ODOURLESS
SPECIFIC GRAVITY @ 20°C (GR/CM3)	0.915 – 0.923
REFRACTIVE INDEX @ 20°C	1.460 – 1.475
SAPONIFICATION VALUE (MG KOH/GR)	177.0 – 197.0
UNSAPONIFIABLE MATTER (%)	<2.0
FREE FATTY ACID (% AS OLEIC)	<1.0
PEROXIDE VALUE (MEQ O ₂ /KG)	<10.0
IODINE VALUE (GRL ₂ /100GR)	110.0 - 150.0
ACID VALUE (%)	<2.0

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	7.0 – 12.0
C16:1	PALMITOLEIC	<0.5
C18:0	STEARIC	3.0 - 6.5
C18:1	OLEIC	20.0 – 40.0
C18:2	LINOLEIC	45.0 – 65.0
C18:3	LINOLENIC	<1.0
C20:0	ARACHIDIC	<1.0
C20:1	EICOSENOIC	<0.5
C22:0	BEHENIC	<0.5

DATE	ISSUED BY	VERSION	REASON FOR UPDATE
12/08/2021	F.Corner	2.0	Change in FFA range

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